

Application No. 09/993,780
Amendment "D" dated January 4, 2005
Reply to Office Action mailed November 8, 2004

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 2 (Cancelled)

3. (Previously Presented) A method as recited in claim 37, further comprising the act of receiving, from the remote device, information representing a television signal provider that is to broadcast the one or more television programs to be recorded by the interactive television system, wherein the television signal provider has been selected at the remote device in response to input received at the remote device.

4. (Previously Presented) A method as recited in claim 3, further comprising, prior to the act of receiving information representing a television signal provider, the act of transmitting, to the remote device, information identifying a plurality of television signal providers that are capable of broadcasting television programs to the interactive television system.

5. (Previously Presented) A method as recited in claim 37, wherein the server communicates with the remote device through an Internet connection.

6. (Previously Presented) A method as recited in claim 37, wherein the programming schedule includes a time, date and duration of the one or more television programs that are to be recorded.

7. (Previously Presented) A method as recited in claim 37, wherein the programming schedule include transmission source information that enables the interactive television system to tune to one or more signals in which the one or more television programs are encoded.

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8. (Previously Presented) A method as recited in claim 7, wherein the transmission source information identifies at least one of a television broadcast channel, a cable channel, and a satellite channel through which the one or more signals is to be received by the interactive television system.

9 – 12 (Cancelled)

13. (Previously Presented) A method as recited in claim 44, wherein the act of receiving the program schedule comprises an act of accessing a web page from the server.

14. (Previously Presented) A method as recited in claim 13, wherein the web page identifies at least one television signal provider corresponding to a location of the interactive television system.

15. (Previously Presented) A method as recited in claim 44, further comprising the acts of:

prior to sending the first request, receiving user input at the computing device selecting a television signal provider associated with a location of the interactive television system; and

transmitting information representing the selection of the television signal provider to the server.

16 – 26 (Canceled)

27. (Previously Presented) A computer program product as recited in claim 50, wherein the programming schedule identifies a time, date and duration of the one or more television programs to be recorded.

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28. (Previously Presented) A computer program product as recited in claim 50, wherein the programming schedule includes transmission source information that enables the interactive television system to tune to one or more signals in which the one or more selected television programs are encoded.

29. (Previously Presented) A computer program product as recited in claim 28, wherein the transmission source information identifies at least one of a television broadcast channel, a cable channel, and a satellite channel through which the one or more signals is to be received by the interactive television system.

30. (Previously Presented) A computer program product as recited in claim 50, wherein the computing device and the server are connected through an Internet connection.

31 – 36 (Canceled)

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37. (Currently Amended) In an interactive television system that includes a computing system and a recording device that is configured to record television programs, and wherein the interactive television system is connectable by means of the computing system to a server that is connectable to a network, a method for enabling the server to control the recording of one or more selected television programs by the interactive television system, the method comprising the acts of:

receiving at the server a request from the computing system for a programming schedule that identifies one or more television programs, the request being made at the computing system;

in response to the request, the server providing the programming schedule to the computing system;

receiving at the server an identification provided from the computing system of one or more television programs to be recorded, the one or more television programs to be recorded having been selected from a display of the programming schedule at the computing system ; and

in response to the one or more television programs being identified for recording, the server ~~automatically and independently of any broadcast signal for audio-visual programming content~~, downloading recording instructions to the ~~computing-interactive television system~~ so that the recording device will thereafter, ~~automatically and without user intervention at the recording device~~, be set up to record the one or more selected television programs, wherein the recording instructions are downloaded from the server through at least one of a television signal and the internet.

38. (Previously Presented) A method as recited in claim 37, wherein the recording instructions include a record command for the recording device.

39. (Previously Presented) A method as recited in claim 38, wherein the recording device is a VCR.

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40. (Previously Presented) A method as recited in claim 37, wherein the recording instructions include the time, date and duration of the one or more television programs to be recorded.

41. (Previously Presented) A method as recited in claim 37, wherein the recording instructions include transmission information that enables the interactive television system to tune to one or more signals in which the one or more television programs to be recorded are encoded.

42. (Previously Presented) A method as recited in claim 37, wherein the remote device comprises the computing system of the interactive television system.

43. (Previously Presented) A method as recited in claim 37, wherein the computing system and the recording device are integrated into a single device.

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44. (Currently Amended) In an interactive television system that includes a computing system and a recording device that is configured to record television programs, and wherein the interactive television system is connectable by means of the computing system to a server that is connectable to a network, a method for enabling the server to control the recording of one or more selected television programs by the interactive television system, the method comprising the acts of:

sending, from the computing system, a request to the server for a program schedule that identifies television programs that can be received by the interactive television system;

receiving, at the computing system, the program schedule from the server;

displaying, at the computing system, the program schedule after it is received from the server;

receiving, at the computing system, a user selection of one or more television programs from the program schedule;

sending, from the computing system, a request to the remote server for the selected one or more television programs to be recorded;

receiving, at the ~~computing~~ interactive television system, and in response to the request for the one or more television programs to be recorded, recording instructions that will cause the recording device of the interactive television system to, ~~automatically and without user intervention,~~ be set up to record the one or more selected television programs, wherein the recording instructions are received from the server through at least one of a television signal and the internet.

45. (Previously Presented) A method as recited in claim 44, wherein the recording instructions include a record command for the recording device.

46. (Previously Presented) A method as recited in claim 45, wherein the recording device is a VCR.

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47. (Previously Presented) A method as recited in claim 44, wherein the recording instructions include at least one of the time, date, duration and tuning instructions corresponding to the one or more television programs to be recorded.

48. (Previously Presented) A method as recited in claim 44, wherein the computing device comprises part of the interactive television system.

49. (Previously Presented) A method as recited in claim 44, wherein the computing device and the recording device are integrated into a single device.

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50. (Currently Amended) In an interactive television system that includes a computing system and a recording device that is configured to record television programs, and wherein the interactive television system is connectable by means of the computing system to a server that is connectable to a network, a method for enabling the server to control the recording of one or more selected television programs by the interactive television system, a computer program product comprising:

one or more computer-readable media having computer-executable instructions for implementing a method for enabling the server to control the recording of one or more television programs that are selected by the computing device and that are recorded by the recording device of the interactive television system, the method including the acts of:

sending, from the computing system, a request to the server for a program schedule that identifies television programs that can be received by the interactive television system;

receiving, at the computing system, the program schedule from the server;
displaying, at the computing system, the program schedule after it is received from the server;

receiving, at the computing system, a user selection of one or more television programs from the program schedule;

sending, from the computing system, a request to the remote server for the selected one or more television programs to be recorded;

receiving, at the ~~computing~~ interactive television system, and in response to the request for the one or more television programs to be recorded, recording instructions that will cause the recording device of the interactive television system to, ~~automatically and without user intervention,~~ be set up to record the one or more selected television programs, wherein the recording instructions are received from the server through at least one of a television signal and the internet.

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51. (Previously Presented) A computer program product as recited in claim 50, wherein the act of receiving the program schedule comprises an act of accessing a web page from the server.

52. (Previously Presented) A computer program product as recited in claim 50, wherein the recording instructions include a record command for the recording device.

53. (Previously Presented) A computer program product as recited in claim 52, wherein the recording device is a VCR.

54. (Previously Presented) A computer program product as recited in claim 50, wherein the recording instructions include the time, date and duration of the one or more television programs to be recorded.

55. (Previously Presented) A computer program product as recited in claim 50, wherein the recording instructions include transmission information that enables the interactive television system to tune to one or more signals in which the one or more television programs to be recorded are encoded.

56. (Previously Presented) A computer program product as recited in claim 50, wherein the remote device comprises the computing system of the interactive television system.

57. (Previously Presented) A computer program product as recited in claim 50, wherein the computing system and the recording device are integrated in a single device.

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58. (Currently Amended) In an interactive television system that includes a computing system and a recording device that is configured to record television programs, and wherein the interactive television system is connectable by means of the computing system to a server that is connectable to a network, a method for enabling the server to control the recording of one or more selected television programs by the interactive television system, a computer program product comprising:

one or more computer-readable media having computer-executable instructions for implementing a method for enabling the server to control the recording of one or more television programs that are selected by the computing device and that are recorded by the recording device of the interactive television system, the method including the acts of:

receiving at the server a request from the computing system for a programming schedule that identifies one or more television programs, the request being made at the computing system;

in response to the request, the server providing the programming schedule to the computing system;

receiving at the server an identification provided from the computing system of one or more television programs to be recorded, the one or more television programs to be recorded having been selected from a display of the programming schedule at the computing system ; and

in response to the one or more television programs being identified for recording, ~~the server automatically and independently of any broadcast signal for audio-visual programming content,~~ downloading recording instructions to the ~~computing-interactive television system~~ so that the recording device will thereafter, ~~automatically and without user intervention at the recording device,~~ be set up to record the one or more selected television programs, wherein the recording instructions are downloaded from the server through at least one of a television signal and the internet.

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59. (Previously Presented) A computer program product as recited in claim 58, wherein the recording instructions include a record command for the recording device.

60. (Previously Presented) A computer program product as recited in claim 59 wherein the recording device is a VCR.

61. (Previously Presented) A computer program product as recited in claim 58, wherein the recording instructions include at least one of the time, date, duration and tuning instructions corresponding to the one or more television programs to be recorded.

62. (Previously Presented) A computer program product as recited in claim 58, wherein the computing device comprises part of the interactive television system.

63. (Previously Presented) A computer program product as recited in claim 58, wherein the computing device and the recording device are integrated into a single device.

64. (New) A method as recited in claim 37, wherein the request for a programming schedule is received at an Internet web site through the use of a conventional Web browser.